

Title (en)

Expandable powder coating composition.

Title (de)

Aufschäumbare Pulverlackzusammensetzung.

Title (fr)

Composition de revêtement expansible en poudre.

Publication

EP 0460963 A1 19911211 (EN)

Application

EP 91305139 A 19910607

Priority

JP 15070190 A 19900608

Abstract (en)

An expandable, powder coating composition is disclosed which includes (a) a thermoplastic resin containing a hydroxyl group-containing polymer, (b) a cross-linking agent containing a polyisocyanate compound which is capable crosslinking the thermoplastic resin, (c) a blowing agent, and (d) a mixture of a solid plasticizer such as triphenyl phosphate and a liquid plasticizer such as dioctyl phthalate.

IPC 1-7

C08J 9/04; **C09D 5/03**; **C09D 7/12**; **C09D 201/06**

IPC 8 full level

C08G 18/48 (2006.01); **C08G 18/62** (2006.01); **C08G 18/80** (2006.01); **C08J 9/06** (2006.01); **C09D 175/04** (2006.01)

CPC (source: EP US)

C08G 18/4879 (2013.01 - EP US); **C08G 18/6212** (2013.01 - EP US); **C08G 18/8074** (2013.01 - EP US); **C08J 9/06** (2013.01 - EP US); **C09D 175/04** (2013.01 - EP US); **C08G 2150/20** (2013.01 - EP US); **C08G 2150/60** (2013.01 - EP US)

Cited by

EP0565924A1; US5772949A; EP0789043A2; WO2009035860A1; WO9731081A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0460963 A1 19911211; **EP 0460963 B1 19941102**; CA 2044073 A1 19911209; DE 69104907 D1 19941208; DE 69104907 T2 19950330; US 5206275 A 19930427

DOCDB simple family (application)

EP 91305139 A 19910607; CA 2044073 A 19910607; DE 69104907 T 19910607; US 71020391 A 19910606